OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.007 OLS Adj. R-squared: Model: 0.004 Least Squares F-statistic: Method: 2.415 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.121 Time: 19:31:58 Log-Likelihood: -628.07No. Observations: 335 AIC: 1260. Df Residuals: 333 BIC: 1268.

Df Model: 1

Covariance Type: nonrobust

···

coef std err t P>|t| [0.025 0.975]

.....

const -0.2606 0.121 -2.145 0.033 -0.500 -0.022 # of past defaults 0.1214 0.078 1.554 0.121 -0.032 0.2

Omnibus: 107.876 Durbin-Watson: 1.981 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1504.443

Skew: -0.907 Prob(JB): 0.00 Kurtosis: 13.222 Cond. No. 2.72

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.781011038600272 LM P-Value: 0.4104482108062668 F Statistic: 0.8872478526183115 F P-Value: 0.4127615733171709

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.005 Model: OLS Adj. R-squared: 0.000 Least Squares F-statistic: Method: 1.105 Sun, 27 Aug 2023 Prob (F-statistic): 0.294 Date: Time: 19:31:58 Log-Likelihood: -415.37 No. Observations: 218 AIC: 834.7 Df Residuals: 216 BIC: 841.5

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

.....

const -0.0045 0.205 -0.022 0.983 -0.408 0.399

Adjusted savings: gross savings (% of GNI) -0.0099 0.009 -1.051 0.294 -0.028 0.009

Omnibus: 117.731 Durbin-Watson: 1.862 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1516.034

Skew: -1.750 Prob(JB): 0.00 Kurtosis: 15.436 Cond. No. 40.3

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.3775928007355007 LM P-Value: 0.8279550608812809 F Statistic: 0.18652135412645413 F P-Value: 0.8299749776114262

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.002 Model: OLS Adj. R-squared: -0.002 Least Squares F-statistic: Method: 0.4939 Sun, 27 Aug 2023 Prob (F-statistic): 0.483 Date: Time: 19:31:59 Log-Likelihood: -415.68 No. Observations: 218 AIC: 835.4 Df Residuals: 216 BIC: 842.1

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1337 0.133 -1.004 0.316 -0.396 0.129

Adjusted savings: net national savings (% of GNI) -0.0065 0.009 -0.703 0.483 -0.025 0.012

Omnibus: 118.482 Durbin-Watson: 1.865 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1541.201

Skew: -1.761 Prob(JB): 0.00 Kurtosis: 15.540 Cond. No. 17.4

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.1350193089981495 LM P-Value: 0.9347186963316763 F Statistic: 0.06662188512934133 F P-Value: 0.935568185172821

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.044 OLS Adj. R-squared: Model: 0.010 Least Squares F-statistic: Method: 1.295 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.265 Time: 19:31:59 Log-Likelihood: -48.223 No. Observations: 30 AIC: 100.4 Df Residuals: 28 BIC: 103.2

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.3565 0.236 -1.510 0.142 -0.840 0.127

Banking Crisis Dummy -1.0412 0.915 -1.138 0.265 -2.915 0.833

Omnibus: 1.583 Durbin-Watson: 1.537 Prob(Omnibus): 0.453 Jarque-Bera (JB): 0.646

 Skew:
 -0.303
 Prob(JB):
 0.724

 Kurtosis:
 3.387
 Cond. No.
 4.03

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.35749970448563095 LM P-Value: 0.5498981252822901 F Statistic: 0.3376905330456352 F P-Value: 0.5658141444118074

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.002 OLS Adj. R-squared: -0.002 Model: Least Squares F-statistic: Method: 0.4342 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.511 Time: 19:31:59 Log-Likelihood: -500.73 270 AIC: 1005. No. Observations: Df Residuals: 268 BIC: 1013.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1467 0.131 -1.117 0.265 -0.405 0.112

Broad money growth (annual %) 0.0032 0.005 0.659 0.511 -0.006 0.013

Omnibus: 121.940 Durbin-Watson: 1.931 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1908.564

Skew: -1.372 Prob(JB): 0.00 Kurtosis: 15.733 Cond. No. 38.2

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.4188449575597908 LM P-Value: 0.8110525107763334 F Statistic: 0.20741732420216763 F P-Value: 0.8128112509670219

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.003 OLS Adj. R-squared: -0.001 Model: Method: Least Squares F-statistic: 0.6875 Sun, 27 Aug 2023 Prob (F-statistic): 0.408 Date: Time: 19:32:00 Log-Likelihood: -477.88 249 AIC: No. Observations: 959.8 Df Residuals: 247 BIC: 966.8

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975

const 0.0125 0.113 0.111 0.912 -0.209 0.234

Broad money to total reserves ratio -0.0054 0.006 -0.829 0.408 -0.018 0.007

 Omnibus:
 95.214 Durbin-Watson:
 1.900

 Prob(Omnibus):
 0.000 Jarque-Bera (JB):
 1406.458

Skew: -1.064 Prob(JB): 3.90e-306 Kurtosis: 14.447 Cond. No. 18.7

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.5865505571649312 LM P-Value: 0.7458168050433929 F Statistic: 0.2904259761019389 F P-Value: 0.748200985516545

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.000 OLS Adj. R-squared: Model: -0.004Least Squares F-statistic: Method: 0.03062 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.861 Time: 19:32:00 Log-Likelihood: -499.68265 AIC: 1003. No. Observations: Df Residuals: 263 BIC: 1011.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1475 0.120 -1.229 0.220 -0.384 0.089 CA 0.0017 0.010 0.175 0.861 -0.018 0.021

Omnibus: 121.156 Durbin-Watson: 1.873 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1625.682

 Skew:
 -1.444 Prob(JB):
 0.00

 Kurtosis:
 14.785 Cond. No.
 14.9

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.5827482307916415 LM P-Value: 0.7472360731998218 F Statistic: 0.28871042915285205 F P-Value: 0.7494671797830426

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.072 Model: OLS Adj. R-squared: 0.056 Least Squares F-statistic: 4.360 Method: Sun, 27 Aug 2023 Prob (F-statistic): 0.0414 Date: Time: 19:32:00 Log-Likelihood: -104.80 No. Observations: 58 AIC: 213.6 Df Residuals: 56 BIC: 217.7

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.97]

Central government debt, total (% of GDP) 0.0124 0.006 2.088 0.041 0.001 0.029

Omnibus: 14.012 Durbin-Watson: 2.071 Prob(Omnibus): 0.001 Jarque-Bera (JB): 26.588

 Skew:
 -0.689
 Prob(JB):
 1.68e-06

 Kurtosis:
 6.017
 Cond. No.
 112.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.9137083614135455 LM P-Value: 0.38409929437956647 F Statistic: 0.9383216183732487 F P-Value: 0.39745699014366576

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.005 Model: OLS Adj. R-squared: 0.002 Least Squares F-statistic: 1.474 Method: Sun, 27 Aug 2023 Prob (F-statistic): 0.226 Date: Time: 19:32:01 Log-Likelihood: -521.75 No. Observations: 276 AIC: 1048. 1055.

Df Residuals: 274 BIC:

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| 0.9751

const -0.1272 0.105 -1.211 0.227 -0.334

Claims on central government, etc. (% GDP) 0.0056 0.005 1.214 0.226

Omnibus: 98.259 Durbin-Watson: 1.930 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1505.041

Skew: -0.971 Prob(JB): 0.00 14.274 Cond. No. Kurtosis:

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.1668429564511591 LM P-Value: 0.9199633209875817 F Statistic: 0.08256463363462861 F P-Value: 0.9207749069521141

OLS Regression Results

Dep. Variable:Mean_diffR-squared:0.000Model:OLS Adj. R-squared:-0.003Method:Least SquaresF-statistic:0.04130Date:Sun, 27 Aug 2023Prob (F-statistic):0.839Time:19:32:01Log-Likelihood:-497.67

No. Observations: 268 AIC: 999.3 Df Residuals: 266 BIC: 1007.

Df Model:

Covariance Type: HC3

coef std err z P>|z| [0.025 0.975]

const -0.1004 0.153 -0.655 0.512 -0.401 0.200

Claims on private sector (annual growth as % of broad money) 0.0017 0.008 0.203 0.839 -0.015 0.018

Omnibus: 120.507 Durbin-Watson: 1.951 Prob(Omnibus): 0.000 Jargue-Bera (JB): 1850.725

Skew: -1.367 Prob(JB): 0.00 Kurtosis: 15.580 Cond. No. 27.5

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 5.995708178761276 LM P-Value: 0.04989402168166464 F Statistic: 3.0321309935941696 F P-Value: 0.049888852149267936

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.002 OLS Adj. R-squared: Model: -0.002 Least Squares F-statistic: 0.5051 Method: Sun, 27 Aug 2023 Prob (F-statistic): 0.478 Date: Time: 19:32:01 Log-Likelihood: -510.15 No. Observations: 266 AIC: 1024. Df Residuals: 264 BIC: 1031.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1910 0.193 -0.990 0.323 -0.571 0.189

Consumer price index (2010 = 100) 0.0019 0.003 0.711 0.478 -0.003 0.007

Omnibus: 99.787 Durbin-Watson: 1.781 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1380.634

Skew: -1.077 Prob(JB): 1.58e-300 Kurtosis: 13.951 Cond. No. 140.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.8722258233103457 LM P-Value: 0.39214919517894525 F Statistic: 0.9321158917600815 F P-Value: 0.3950164591640384

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.001 Model: OLS Adj. R-squared: -0.020 Least Squares F-statistic: Method: 0.02888 Sun, 27 Aug 2023 Prob (F-statistic): 0.866 Date: Time: 19:32:02 Log-Likelihood: -100.50 51 AIC: 205.0 No. Observations: Df Residuals: 49 BIC: 208.9

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.3596 0.334 -1.075 0.287 -1.031 0.312

Cyclically adjusted balance (% of potential GDP) 0.0101 0.060 0.170 0.866 -0.110 0.13

 Omnibus:
 8.942 Durbin-Watson:
 1.883

 Prob(Omnibus):
 0.011 Jarque-Bera (JB):
 15.777

 Skew:
 -0.361 Prob(JB):
 0.000375

Kurtosis: 5.628 Cond. No. 7.68

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.6436968629302746 LM P-Value: 0.4396182987253592 F Statistic: 0.7992641709969973 F P-Value: 0.45555280356278616

OLS Regression Results

Dep. Variable:Mean_diffR-squared:0.031Model:OLS Adj. R-squared:0.011Method:Least SquaresF-statistic:1.570Date:Sun, 27 Aug 2023Prob (F-statistic):0.216Time:19:32:02Log-Likelihood:-99.709

No. Observations: 51 AIC: 203.4 Df Residuals: 49 BIC: 207.3

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.2637 0.267 -0.989 0.327 -0.799 0.272 Cyclically adjusted primary balance (% of potential GDP) 0.0837 0.067 1.253 0.216 -0.051 0.218

 Omnibus:
 8.375
 Durbin-Watson:
 1.785

 Prob(Omnibus):
 0.015
 Jarque-Bera (JB):
 15.078

 Skew:
 -0.282
 Prob(JB):
 0.000532

 Kurtosis:
 5.603
 Cond. No.
 4.40

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.41057847787850676 LM P-Value: 0.8144117227588216 F Statistic: 0.19478150120327667 F P-Value: 0.8236617435485402

OLS Regression Results

Dep. Variable:Mean_diffR-squared:0.003Model:OLS Adj. R-squared:-0.002Method:Least SquaresF-statistic:0.6144Date:Sun, 27 Aug 2023Prob (F-statistic):0.434

Time: 19:32:02 Log-Likelihood: -442.76 No. Observations: 245 AIC: 889.5

Df Residuals: 243 BIC: 896.5

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 0.5877 0.772 0.761 0.447 -0.933 2.108

In Debt service on external debt, total (TDS, current US\$) -0.0319 0.041 -0.784 0.434 -0.112 0.048

Omnibus: 142.438 Durbin-Watson: 1.959 Prob(Omnibus): 0.000 Jarque-Bera (JB): 3255.000

 Skew:
 -1.782 Prob(JB):
 0.00

 Kurtosis:
 20.497 Cond. No.
 155.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.9046378413100814 LM P-Value: 0.636151255594914 F Statistic: 0.448436126891084 F P-Value: 0.6391556929197422

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.031 Model: OLS Adj. R-squared: 0.027 Least Squares F-statistic: Method: 7.566 Sun, 27 Aug 2023 Prob (F-statistic): 0.00641 Date: Time: 19:32:03 Log-Likelihood: -425.43 No. Observations: 235 AIC: 854.9 Df Residuals: 233 BIC: 861.8

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975

const 0.1998 0.128 1.557 0.121 -0.053 0.453

Domestic credit to private sector (% of GDP) -0.0077 0.003 -2.751 0.006 -0.013 -0.00

Omnibus:35.561Durbin-Watson:2.028Prob(Omnibus):0.000Jarque-Bera (JB):158.878

 Skew:
 0.457 Prob(JB):
 3.16e-35

 Kurtosis:
 6.923 Cond. No.
 60.6

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.15278814244161776 LM P-Value: 0.926451046919576 F Statistic: 0.07546789413866249 F P-Value: 0.9273322571978406

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.009 OLS Adj. R-squared: Model: 0.006 Least Squares F-statistic: Method: 3.049 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.0817 Time: 19:32:03 Log-Likelihood: -627.76No. Observations: 335 AIC: 1260. Df Residuals: 333 BIC: 1267.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.3209 0.140 -2.288 0.023 -0.597 -0.045

Dummy for past default 0.3108 0.178 1.746 0.082 -0.039 0.663

Omnibus: 107.571 Durbin-Watson: 1.989 Prob(Omnibus): 0.000 Jargue-Bera (JB): 1478.276

 Skew:
 -0.908 Prob(JB):
 0.00

 Kurtosis:
 13.130 Cond. No.
 3.01

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.5263983831852668 LM P-Value: 0.21665378903161414 F Statistic: 1.5242305811803416 F P-Value: 0.21785087834126723

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.009 Model: OLS Adj. R-squared: 0.006 Method: Least Squares F-statistic: 1.979 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.161Time: 19:32:04 Log-Likelihood: -500.94 No. Observations: 263 AIC: 1006. 1013.

Df Residuals: 261 BIC:

Df Model:

Covariance Type: HC3

coef std err [0.025 P>|z|

0.584 0.559 0.1008 0.172 -0.237 const

Exports of goods and services (% of GDP) -0.0080 0.006 -1.407 0.160

Omnibus: 1.912 109.094 Durbin-Watson: Prob(Omnibus): 0.000 Jarque-Bera (JB): 1265.312

1.74e-275 Skew: -1.306 Prob(JB): Kurtosis: 13.423 Cond. No.

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 4.6415102859096145 LM P-Value: 0.09819940301130516 F Statistic: 2.335500326836535 F P-Value: 0.0987889847947969

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.002 Model: OLS Adj. R-squared: -0.003 Method: Least Squares F-statistic: 0.3973 Sun, 27 Aug 2023 Prob (F-statistic): 0.529 Date: Time: 19:32:04 Log-Likelihood: -380.19 204 AIC: 764.4 No. Observations: Df Residuals: 202 BIC: 771.0

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975

const -0.2015 0.116 -1.741 0.083 -0.430 0.027

Exports of goods and services (annual % growth) 0.0039 0.006 0.630 0.529 -0.008 0.016

Omnibus: 127.807 Durbin-Watson: 1.979 Prob(Omnibus): 0.000 Jarque-Bera (JB): 2221.991

Skew: -1.997 Prob(JB): 0.00 Kurtosis: 18.667 Cond. No. 19.9

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.2216217028966039 LM P-Value: 0.5429104708082901 F Statistic: 0.6054540043772598 F P-Value: 0.5468189370916525

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.016 Model: OLS Adj. R-squared: 0.012 Least Squares F-statistic: Method: 4.202 Sun, 27 Aug 2023 Prob (F-statistic): 0.0414 Date: Time: 19:32:04 Log-Likelihood: -500.08 No. Observations: 263 AIC: 1004. Df Residuals: 261 BIC: 1011.

Df Model: 1

Covariance Type: nonrobust

-0.053

coef std err t P>|t| [0.025 0.975]

const -0.2870 0.119 -2.413 0.017 -0.521

Omnibus: 114.683 Durbin-Watson: 1.917 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1361.714

Skew: -1.391 Prob(JB): 2.03e-296 Kurtosis: 13.794 Cond. No. 22.6

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.167889184875302 LM P-Value: 0.5576941459369098 F Statistic: 0.579858572583524 F P-Value: 0.5607000481004175

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.002 Model: OLS Adj. R-squared: -0.002Least Squares F-statistic: Method: 0.5107 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.476 Time: 19:32:05 Log-Likelihood: -430.41 No. Observations: 236 AIC: 864.8 Df Residuals: 234 BIC: 871.8

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 0.0579 0.141 0.411 0.682 -0.220 0.336

External debt stocks (% of GNI) -0.0011 0.002 -0.715 0.476 -0.004 0.002

Omnibus: 136.551 Durbin-Watson: 1.939 Prob(Omnibus): 0.000 Jargue-Bera (JB): 2989.303

Skew: -1.766 Prob(JB): 0.00 Kurtosis: 20.074 Cond. No. 130.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.2771618793970085 LM P-Value: 0.5280412149533598 F Statistic: 0.6338938304473863 F P-Value: 0.53143440407378

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.009 OLS Adj. R-squared: Model: 0.005 Least Squares F-statistic: Method: 2.251 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.135 Time: 19:32:05 Log-Likelihood: -465.05 237 AIC: 934.1 No. Observations: Df Residuals: 235 BIC: 941.0

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

Omnibus: 89.698 Durbin-Watson: 1.949 Prob(Omnibus): 0.000 Jarque-Bera (JB): 825.385

 Skew:
 -1.198 Prob(JB):
 5.89e-180

 Kurtosis:
 11.823 Cond. No.
 520.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.2267763337209482 LM P-Value: 0.8928040359067158 F Statistic: 0.11206009967894964 F P-Value: 0.8940384734677949

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.015 OLS Adj. R-squared: 0.011 Model: Least Squares F-statistic: Method: 3.473 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.0637 Time: 19:32:05 Log-Likelihood: -437.05 No. Observations: 224 AIC: 878.1 Df Residuals: 222 BIC: 884.9

Df Model: 1

Covariance Type: nonrobust

···

coef std err t P>|t| [0.025 0.975]

const -0.0445 0.121 -0.367 0.714 -0.283 0.194

Food Price Index (% change) -2.1816 1.171 -1.864 0.064 -4.489 0.125

Omnibus: 91.343 Durbin-Watson: 1.956 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1133.731

Skew: -1.196 Prob(JB): 6.51e-247 Kurtosis: 13.759 Cond. No. 10.3

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.446315963341096 LM P-Value: 0.7999884557982231 F Statistic: 0.22060881779565833 F P-Value: 0.8022067653918497

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.014 Model: OLS Adj. R-squared: 0.010 Least Squares F-statistic: Method: 1.697 Sun, 27 Aug 2023 Prob (F-statistic): 0.194 Date: Time: 19:32:06 Log-Likelihood: -558.57 295 AIC: No. Observations: 1121. Df Residuals: 293 BIC: 1129.

Df Model: 1

Covariance Type: HC3

coef std err z P>|z| [0.025 0.975]

const -0.0313 0.094 -0.334 0.738 -0.215 0.152

Foreign direct investment, net inflows (% of GDP) -0.0212 0.016 -1.303 0.193 -0.053 0.011

Omnibus:91.660Durbin-Watson:1.893Prob(Omnibus):0.000Jarque-Bera (JB):1133.672

Skew: -0.866 Prob(JB): 6.70e-247 Kurtosis: 12.446 Cond. No. 11.1

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 16.969941695197882 LM P-Value: 0.00020654942094254635

F Statistic: 8.911308016857317

F P-Value: 0.00017513836068382518

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.017 OLS Adj. R-squared: Model: 0.014 Method: Least Squares F-statistic: 5.192 Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.0234 Time: 19:32:06 Log-Likelihood: -583.52 No. Observations: 306 AIC: 1171. Df Residuals: 304 BIC: 1178.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 2.5537 1.182 2.161 0.031 0.228 4.879

In_GDP (constant 2015 US\$) -0.1169 0.051 -2.279 0.023 -0.218 -0.016

Omnibus: 103.347 Durbin-Watson: 1.862 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1271.486

Skew: -0.996 Prob(JB): 7.95e-277 Kurtosis: 12.786 Cond. No. 292.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.2322344511997494 LM P-Value: 0.8903708429233935 F Statistic: 0.11506614928363015 F P-Value: 0.8913461112971545

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.016 OLS Adj. R-squared: Model: 0.012 Least Squares F-statistic: Method: 2.648 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.105 Time: 19:32:06 Log-Likelihood: -567.90 No. Observations: 299 AIC: 1140. Df Residuals: 297 BIC: 1147.

Df Model: 1

Covariance Type: HC3

coef std err z P>|z| [0.025 0.975]

const -0.3061 0.106 -2.894 0.004 -0.513 -0.099

GDP growth (annual %) 0.0398 0.024 1.627 0.104 -0.008 0.088

Omnibus: 121.704 Durbin-Watson: 1.843 Prob(Omnibus): 0.000 Jargue-Bera (JB): 1614.235

Skew: -1.266 Prob(JB): 0.00 Kurtosis: 14.098 Cond. No. 8.73

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 8.273855809051721 LM P-Value: 0.01597184323966697 F Statistic: 4.211972965649031 F P-Value: 0.01571481286713753

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.000 OLS Adj. R-squared: Model: -0.003 Least Squares F-statistic: Method: 0.06828 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.794 Time: 19:32:07 Log-Likelihood: -598.94 No. Observations: 315 AIC: 1202. Df Residuals: 313 BIC: 1209.

Df Model: 1

Covariance Type: nonrobust

···

coef std err t P>|t| [0.025 0.975]

const -0.2139 0.340 -0.628 0.530 -0.884 0.456

GDP growth China (annual %) 0.0088 0.034 0.261 0.794 -0.057 0.075

Omnibus: 105.104 Durbin-Watson: 1.856 Prob(Omnibus): 0.000 Jargue-Bera (JB): 1384.411

 Skew:
 -0.962 Prob(JB):
 2.39e-301

 Kurtosis:
 13.088 Cond. No.
 37.9

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.4717455536675408 LM P-Value: 0.7898811587226285 F Statistic: 0.23397677420645027 F P-Value: 0.7915189292393616

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.010 OLS Adj. R-squared: Model: 0.007 Least Squares F-statistic: Method: 3.276 Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.0713 Time: 19:32:07 Log-Likelihood: -597.33 No. Observations: 315 AIC: 1199. Df Residuals: 313 BIC: 1206.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.3576 0.156 -2.291 0.023 -0.665 -0.051

GDP growth USA (annual %) 0.0917 0.051 1.810 0.071 -0.008 0.191

Omnibus: 105.605 Durbin-Watson: 1.878 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1375.316

Skew: -0.973 Prob(JB): 2.26e-299 Kurtosis: 13.050 Cond. No. 5.66

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.3691914267530847 LM P-Value: 0.5042940677133982 F Statistic: 0.6810359720244104 F P-Value: 0.5068431389262339

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.018 Model: OLS Adj. R-squared: 0.014 Method: Least Squares F-statistic: 5.423 Sun, 27 Aug 2023 Prob (F-statistic): 0.0205 Date: Time: 19:32:07 Log-Likelihood: -580.38 No. Observations: 304 AIC: 1165. Df Residuals: 302 BIC: 1172.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 1.3187 0.632 2.088 0.038 0.076 2.561

In_GDP per capita (constant 2015 US\$) -0.1883 0.081 -2.329 0.021 -0.347 -0.029

Omnibus:98.095Durbin-Watson:1.820Prob(Omnibus):0.000Jarque-Bera (JB):1302.211

 Skew:
 -0.902
 Prob(JB):
 1.69e-283

 Kurtosis:
 12.977
 Cond. No.
 53.4

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.8615750956652448 LM P-Value: 0.6499969893758628 F Statistic: 0.4277486496096364 F P-Value: 0.6523709554157634

OLS Regression Results

Dep. Variable: Mean_diff R-squared: 0.000 Model: OLS Adj. R-squared: -0.004 Method: Least Squares F-statistic: 0.01289

Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.01209

Time: 19:32:08 Log-Likelihood: -473.77

No. Observations: 250 AIC: 951.5

Df Residuals: 248 BIC: 958.6

Df Model:

Covariance Type: nonrobust

coef std err t P>Itl [0.025 0.975]

const -0.1710 0.265 -0.646 0.519 -0.692 0.350

General government final consumption expenditure (% of GDP) -0.0018 0.016 -0.114 0.910 -0.034 0.030

Omnibus: 122.226 Durbin-Watson: 1.912 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1522.957

Skew: -1.590 Prob(JB): 0.00 Kurtosis: 14.666 Cond. No. 42.3

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.34524519952075505 LM P-Value: 0.8414551202915683 F Statistic: 0.1707869821060986 F P-Value: 0.8431005927342656

OLS Regression Results

Dep. Variable:Mean_diffR-squared:0.016Model:OLS Adj. R-squared:0.010Method:Least SquaresF-statistic:2.973Date:Sun, 27 Aug 2023Prob (F-statistic):0.0863Time:19:32:08 Log-Likelihood:-344.09

 No. Observations:
 188 AIC:
 692.2

 Df Residuals:
 186 BIC:
 698.7

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1738 0.121 -1.440 0.151 -0.412 0.064

General government final consumption expenditure (annual % growth) 0.0163 0.009 1.724 0.086 -0.002 0.035

Omnibus: 139.769 Durbin-Watson: 1.743 Prob(Omnibus): 0.000 Jarque-Bera (JB): 3140.595

 Skew:
 -2.403 Prob(JB):
 0.00

 Kurtosis:
 22.438 Cond. No.
 13.9

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.039808045284774 LM P-Value: 0.5945776112197814 F Statistic: 0.5144530671648996 F P-Value: 0.5986801814056817

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.009 Model: OLS Adj. R-squared: 0.005 Method: Least Squares F-statistic: 2.339 Sun, 27 Aug 2023 Prob (F-statistic): 0.127 Date: Time: 19:32:08 Log-Likelihood: -483.92 No. Observations: 256 AIC: 971.8 Df Residuals: 254 BIC: 978.9

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 0.2059 0.270 0.762 0.447 -0.326 0.738

Gross capital formation (% of GDP) -0.0160 0.010 -1.530 0.127 -0.037 0.005

Omnibus: 116.167 Durbin-Watson: 1.966 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1370.361

Skew: -1.462 Prob(JB): 2.69e-298 Kurtosis: 13.951 Cond. No. 69.4

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 4.306274338139758 LM P-Value: 0.11611929988627734 F Statistic: 2.164311813265142 F P-Value: 0.1169503822734498

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.003 OLS Adj. R-squared: Model: -0.003 Least Squares F-statistic: Method: 0.4654 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.496 Time: 19:32:09 Log-Likelihood: -323.29 No. Observations: 174 AIC: 650.6 Df Residuals: 172 BIC: 656.9

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1944 0.182 -1.066 0.288 -0.554 0.166

Gross debt (% of GDP) 0.0017 0.002 0.682 0.496 -0.003 0.007

Omnibus: 21.960 Durbin-Watson: 1.920 Prob(Omnibus): 0.000 Jarque-Bera (JB): 108.345

 Skew:
 0.067 Prob(JB):
 2.97e-24

 Kurtosis:
 6.863 Cond. No.
 115.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.3973269297028177 LM P-Value: 0.49724945123353526 F Statistic: 0.6921761428395328 F P-Value: 0.5018824384379315

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.004 OLS Adj. R-squared: Model: 0.000 Least Squares F-statistic: Method: 1.116 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.292 Time: 19:32:09 Log-Likelihood: -477.55 No. Observations: 252 AIC: 959.1 Df Residuals: 250 BIC: 966.2

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

.....

const -0.1109 0.136 -0.815 0.416 -0.379 0.157

Gross domestic savings (% of GDP) -0.0064 0.006 -1.057 0.292 -0.018 0.006

Omnibus: 117.272 Durbin-Watson: 1.908 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1427.693

Skew: -1.497 Prob(JB): 9.56e-311 Kurtosis: 14.270 Cond. No. 30.2

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.058571601813799 LM P-Value: 0.21669037213167158 F Statistic: 1.5296456153402271 F P-Value: 0.21864081032264196

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.000 Model: OLS Adj. R-squared: -0.004 Method: Least Squares F-statistic: 0.004584 Sun, 27 Aug 2023 Prob (F-statistic): 0.946 Date: Time: 19:32:10 Log-Likelihood: -474.69 No. Observations: 250 AIC: 953.4 Df Residuals: 248 BIC: 960.4

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

......

const -0.2457 0.738 -0.333 0.740 -1.700 1.208

Gross national expenditure (% of GDP) 0.0005 0.007 0.068 0.946 -0.013 0.014

Omnibus: 121.188 Durbin-Watson: 1.952 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1477.144

Skew: -1.580 Prob(JB): 0.00 Kurtosis: 14.481 Cond. No. 792

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.253709585565115 LM P-Value: 0.8808615707687067 F Statistic: 0.12545985674219762 F P-Value: 0.8821473490977406

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.000 Model: OLS Adj. R-squared: -0.004 Least Squares F-statistic: 0.007373 Method: Sun, 27 Aug 2023 Prob (F-statistic): 0.932 Date: Time: 19:32:10 Log-Likelihood: -502.17 No. Observations: 263 AIC: 1008. Df Residuals: 261 BIC: 1015.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1731 0.225 -0.770 0.442 -0.616 0.269

Imports of goods and services (% of GDP) 0.0004 0.005 0.086 0.932 -0.009 0.010

Omnibus: 115.067 Durbin-Watson: 1.927 Prob(Omnibus): 0.000 Jargue-Bera (JB): 1328.161

Skew: -1.408 Prob(JB): 3.92e-289 Kurtosis: 13.643 Cond. No. 105.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 4.491289526233356 LM P-Value: 0.10585926421581161 F Statistic: 2.2585994775196845 F P-Value: 0.10654332867440784

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.000 Model: OLS Adj. R-squared: -0.005 Method: Least Squares F-statistic: 0.02125 Sun, 27 Aug 2023 Prob (F-statistic): 0.884 Date: Time: 19:32:10 Log-Likelihood: -380.36 204 AIC: No. Observations: 764.7 Df Residuals: 202 BIC: 771.3

Df Model:

Covariance Type: HC3

coef std err z P>|z| [0.025 0.975]

const -0.1918 0.098 -1.965 0.049 -0.383 -0.000

Imports of goods and services (annual % growth) 0.0021 0.014 0.146 0.884 -0.026 0.030

Omnibus: 129.277 Durbin-Watson: 1.990 Prob(Omnibus): 0.000 Jarque-Bera (JB): 2325.596

 Skew:
 -2.017 Prob(JB):
 0.00

 Kurtosis:
 19.041 Cond. No.
 17.4

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 11.089336006813886 LM P-Value: 0.0039082405111709444

F Statistic: 5.777172944281402 F P-Value: 0.003634710937779929

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.000 Model: OLS Adj. R-squared: -0.004 Method: Least Squares F-statistic: 0.07315 Sun, 27 Aug 2023 Prob (F-statistic): 0.787 Date: Time: 19:32:11 Log-Likelihood: -493.30 No. Observations: 260 AIC: 990.6 Df Residuals: 258 BIC: 997.7

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.0782 0.131 -0.595 0.552 -0.337 0.181

Inflation, consumer prices (annual %) -0.0024 0.009 -0.270 0.787 -0.020 0.015

Omnibus: 114.557 Durbin-Watson: 1.844 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1516.984

Skew: -1.369 Prob(JB): 0.00 Kurtosis: 14.513 Cond. No. 19.3

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.8490241131014709 LM P-Value: 0.6540888656541235 F Statistic: 0.420988569154192 F P-Value: 0.6568494361914614

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.014 OLS Adj. R-squared: Model: 0.006 Least Squares F-statistic: Method: 1.627 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.205 Time: 19:32:11 Log-Likelihood: -230.22 No. Observations: 123 AIC: 464.4 Df Residuals: 121 BIC: 470.1

Df Model: 1

Covariance Type: HC3

coef std err z P>|z| [0.025 0.975]

const -0.4012 0.246 -1.629 0.103 -0.884 0.082

Interest payments (% of revenue) 0.0209 0.016 1.275 0.202 -0.011 0.053

Omnibus: 16.902 Durbin-Watson: 1.682 Prob(Omnibus): 0.000 Jarque-Bera (JB): 61.180

 Skew:
 -0.251 Prob(JB):
 5.19e-14

 Kurtosis:
 6.418 Cond. No.
 18.8

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 7.843631406635565 LM P-Value: 0.019805101888876447 F Statistic: 4.086772535003781 F P-Value: 0.019185405444205696

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.042 OLS Adj. R-squared: Model: 0.025 Least Squares F-statistic: Method: 2.392 Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.128 Time: 19:32:11 Log-Likelihood: -105.66No. Observations: 56 AIC: 215.3 Df Residuals: 54 BIC: 219.4

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.3810 0.272 -1.401 0.167 -0.926 0.164

Net debt (% of GDP) 0.0057 0.004 1.547 0.128 -0.002 0.013

Omnibus: 11.819 Durbin-Watson: 2.237 Prob(Omnibus): 0.003 Jarque-Bera (JB): 36.579

 Skew:
 -0.173
 Prob(JB):
 1.14e-08

 Kurtosis:
 6.944
 Cond. No.
 93.1

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.5886451402223232 LM P-Value: 0.7450361262919888 F Statistic: 0.28151443427734507 F P-Value: 0.75576133255925

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.000 Model: OLS Adj. R-squared: -0.005 Least Squares F-statistic: 0.009547 Method: Sun, 27 Aug 2023 Prob (F-statistic): 0.922 Date: Time: 19:32:12 Log-Likelihood: -350.01 189 AIC: 704.0 No. Observations: Df Residuals: 187 BIC: 710.5

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.0671 0.121 -0.556 0.579 -0.305 0.171

Net lending/borrowing (overall balance) (% of GDP) 0.0016 0.017 0.098 0.922 -0.031 0.034

 Omnibus:
 22.628 Durbin-Watson:
 2.044

 Prob(Omnibus):
 0.000 Jarque-Bera (JB):
 111.235

 Skew:
 0.022 Prob(JB):
 7.01e-25

Kurtosis: 0.022 Prob(JB): 7.01e-25

Kurtosis: 6.758 Cond. No. 7.78

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.1704081548680274 LM P-Value: 0.5569921806776928 F Statistic: 0.5795037796412416 F P-Value: 0.5611843957172744

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.935 Model: OLS Adj. R-squared: 0.903 Least Squares F-statistic: 28.89 Method: 0.0329 Sun, 27 Aug 2023 Prob (F-statistic): Date: Time: 19:32:12 Log-Likelihood: -1.7734 No. Observations: 4 AIC: 7.547 Df Residuals: 2 BIC: 6.319

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

.....

const 41.9582 7.622 5.505 0.031 9.164 74.752

In Net official aid received (current US\$) -2.2177 0.413 -5.375 0.033 -3.993 -0.44

Omnibus: nan Durbin-Watson: 2.508 Prob(Omnibus): nan Jarque-Bera (JB): 0.897

 Skew:
 1.104 Prob(JB):
 0.639

 Kurtosis:
 2.290 Cond. No.
 530.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.911094367694902 LM P-Value: 0.1414870360881707 F Statistic: 21.995762620939352 F P-Value: 0.14908523762021003

OLS Regression Results

Dep. Variable:Mean_diffR-squared:0.010Model:OLS Adj. R-squared:0.007Method:Least SquaresF-statistic:2.982Date:Sun, 27 Aug 2023Prob (F-statistic):0.0852

Time: 19:32:12 Log-Likelihood: -558.94 No. Observations: 299 AIC: 1122.

Df Residuals: 297 BIC: 1129.

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

Omnibus:121.122Durbin-Watson:1.766Prob(Omnibus):0.000Jarque-Bera (JB):1641.493

 Skew:
 -1.250 Prob(JB):
 0.00

 Kurtosis:
 14.203 Cond. No.
 5.50

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.4444448728347181 LM P-Value: 0.485671681219189 F Statistic: 0.7184468160514687 F P-Value: 0.48835697446752213

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.000 OLS Adj. R-squared: Model: -0.003 Least Squares F-statistic: Method: 0.06011 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.806 Time: 19:32:13 Log-Likelihood: -598.94 315 AIC: 1202. No. Observations: Df Residuals: 313 BIC: 1209.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1740 0.208 -0.837 0.403 -0.583 0.235 Oil price 0.0006 0.003 0.245 0.806 -0.004 0.006

Omnibus: 104.561 Durbin-Watson: 1.857 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1373.186

Skew: -0.956 Prob(JB): 6.55e-299 Kurtosis: 13.048 Cond. No. 187.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.04884655564116214 LM P-Value: 0.975872557115762 F Statistic: 0.024194426966491645 F P-Value: 0.9760977430911383

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.001 OLS Adj. R-squared: Model: -0.002 Least Squares F-statistic: Method: 0.2756 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.600 Time: 19:32:13 Log-Likelihood: -598.84 No. Observations: 315 AIC: 1202. Df Residuals: 313 BIC: 1209.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1227 0.092 -1.331 0.184 -0.304 0.059

Oil price (% change) -0.1982 0.378 -0.525 0.600 -0.941 0.545

Omnibus: 104.416 Durbin-Watson: 1.867 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1399.307

Skew: -0.947 Prob(JB): 1.39e-304 Kurtosis: 13.150 Cond. No. 4.13

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.799903871369501 LM P-Value: 0.40658920170252777 F Statistic: 0.8965035688185885 F P-Value: 0.40904202629189534

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.031 OLS Adj. R-squared: Model: 0.025 Least Squares F-statistic: Method: 5.260 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.0231 Time: 19:32:13 Log-Likelihood: -331.12 167 AIC: 666.2 No. Observations: Df Residuals: 165 BIC: 672.5

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

.....

const -0.4051 0.160 -2.538 0.012 -0.720 -0.090 PV:GE -0.4111 0.179 -2.293 0.023 -0.765 -0.057

Omnibus: 90.010 Durbin-Watson: 1.943 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1118.237

Skew: -1.617 Prob(JB): 1.51e-243 Kurtosis: 15.257 Cond. No. 1.79

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.32236484647522823 LM P-Value: 0.8511367898152732 F Statistic: 0.15859306730996447 F P-Value: 0.8534742557354086

OLS Regression Results

Dep. Variable: Mean_diff R-squared: 0.000 Model: OLS Adj. R-squared: -0.005 Method: Least Squares F-statistic: 0.05843

Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.809

Time: 19:32:14 Log-Likelihood: -343.28 No. Observations: 185 AIC: 690.6

 No. Observations:
 185 AIC:
 690.6

 Df Residuals:
 183 BIC:
 697.0

Df Model:

Covariance Type: nonrobust

coef std err t P>Itl [0.025 0.975]

coef std err t P>|t| [0.025 0.975

const -0.0815 0.115 -0.708 0.480 -0.309 0.146

Primary net lending/borrowing (primary balance) (% of GDP) 0.0043 0.018 0.242 0.809 -0.031 0.039

Omnibus: 22.291 Durbin-Watson: 1.968 Prob(Omnibus): 0.000 Jarque-Bera (JB): 108.980

 Skew:
 0.024 Prob(JB):
 2.16e-24

 Kurtosis:
 6.760 Cond. No.
 6.52

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.5559363817705187 LM P-Value: 0.7573209108389518 F Statistic: 0.27428484142396575 F P-Value: 0.7604291708674402

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.000 OLS Adj. R-squared: Model: -0.006 Least Squares F-statistic: Method: 0.01653 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.898 Time: 19:32:14 Log-Likelihood: -332.56 No. Observations: 175 AIC: 669.1 Df Residuals: 173 BIC: 675.4

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.1585 0.152 -1.043 0.298 -0.459 0.141

Real interest rate (%) -0.0014 0.011 -0.129 0.898 -0.024 0.021

Omnibus: 113.912 Durbin-Watson: 1.823 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1607.476

Skew: -2.097 Prob(JB): 0.00 Kurtosis: 17.243 Cond. No. 16.7

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.7748755472160335 LM P-Value: 0.6787938718307991 F Statistic: 0.3824895936787711 F P-Value: 0.6827397470883381

OLS Regression Results

Mean diff R-squared: Dep. Variable: 0.004 OLS Adj. R-squared: Model: 0.001 Least Squares F-statistic: Method: 1.201 Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.274 Time: 19:32:14 Log-Likelihood: -598.37 No. Observations: 315 AIC: 1201. Df Residuals: 313 BIC: 1208.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 0.1009 0.228 0.442 0.659 -0.348 0.550

Real interest rate USA (%) -0.0480 0.044 -1.096 0.274 -0.134 0.038

Omnibus: 107.952 Durbin-Watson: 1.854 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1457.340

Skew: -0.993 Prob(JB): 0.00 Kurtosis: 13.348 Cond. No. 13.4

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.9917283901944174 LM P-Value: 0.6090443466651517 F Statistic: 0.49269284556482257 F P-Value: 0.611453452443379

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.015 OLS Adj. R-squared: Model: 0.009 Least Squares F-statistic: Method: 4.094 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.0444 Time: 19:32:15 Log-Likelihood: -354.36 No. Observations: 192 AIC: 712.7 Df Residuals: 190 BIC: 719.2

Df Model: 1

Covariance Type: HC3

coef std err z P>|z| [0.025 0.975]

.....

const 0.3690 0.210 1.760 0.078 -0.042 0.780

Revenue (% of GDP) -0.0174 0.009 -2.023 0.043 -0.034 -0.00

Omnibus: 21.416 Durbin-Watson: 1.992 Prob(Omnibus): 0.000 Jarque-Bera (JB): 95.408

 Skew:
 0.078 Prob(JB):
 1.92e-21

 Kurtosis:
 6.450 Cond. No.
 64.8

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 6.177264660936977 LM P-Value: 0.04556422861684922 F Statistic: 3.141442888532433 F P-Value: 0.045485721370872714

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.002 Model: OLS Adj. R-squared: -0.002 Method: Least Squares F-statistic: 0.4681 Sun, 27 Aug 2023 Prob (F-statistic): 0.495 Date: Time: 19:32:15 Log-Likelihood: -442.84 No. Observations: 245 AIC: 889.7 Df Residuals: 243 BIC: 896.7

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.0721 0.128 -0.561 0.575 -0.325 0.181

Short-term debt (% of total external debt) 0.0053 0.008 0.684 0.495 -0.010 0.023

Omnibus: 141.719 Durbin-Watson: 1.947 Prob(Omnibus): 0.000 Jarque-Bera (JB): 3127.317

 Skew:
 -1.781 Prob(JB):
 0.00

 Kurtosis:
 20.137 Cond. No.
 22.4

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.28338194472840417 LM P-Value: 0.8678894168639236 F Statistic: 0.140118049949482 F P-Value: 0.8693260835210885

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.003 Model: OLS Adj. R-squared: -0.002 Method: Least Squares F-statistic: 0.6335 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.427 Time: 19:32:16 Log-Likelihood: -391.96 No. Observations: 211 AIC: 787.9 Df Residuals: 209 BIC: 794.6

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 0.0176 0.110 0.159 0.874 -0.200 0.235

Short-term debt (% of total reserves) 0.0002 0.000 0.796 0.427 -0.000 0.000

Omnibus: 124.226 Durbin-Watson: 1.962 Prob(Omnibus): 0.000 Jarque-Bera (JB): 2486.720

Skew: -1.787 Prob(JB): 0.00 Kurtosis: 19.434 Cond. No. 562

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.06158631161433581 LM P-Value: 0.9696761242091129 F Statistic: 0.030364201076024826 F P-Value: 0.9700964598157529

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.020 OLS Adj. R-squared: Model: 0.016 Least Squares F-statistic: Method: 5.379 Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.0211 Time: 19:32:16 Log-Likelihood: -518.73269 AIC: 1041. No. Observations: Df Residuals: 267 BIC: 1049.

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 2.1339 0.959 2.226 0.027 0.247 4.021 In_TRes -0.1095 0.047 -2.319 0.021 -0.203 -0.017

Omnibus: 100.424 Durbin-Watson: 1.929 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1208.848

Skew: -1.121 Prob(JB): 3.18e-263 Kurtosis: 13.140 Cond. No. 191.

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.04833898146690652 LM P-Value: 0.9761202523990431 F Statistic: 0.02390423807293249 F P-Value: 0.9763813024126275

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.001 Model: OLS Adj. R-squared: -0.004 Method: Least Squares F-statistic: 0.1598 Sun, 27 Aug 2023 Prob (F-statistic): 0.690 Date: Time: 19:32:16 Log-Likelihood: -402.92 No. Observations: 221 AIC: 809.8

Df Residuals: 219 BIC: 816.6

Df Model:

Covariance Type: nonrobust

coef std err t P>Itl [0.025 0.975]

coef std err t P>|t| [0.025 0.975

const 0.0478 0.162 0.294 0.769 -0.272 0.36

Total debt service (% of exports of goods, services and primary income) -0.0030 0.008 -0.400 0.690 -0.018 0.01

Omnibus: 136.517 Durbin-Watson: 1.883 Prob(Omnibus): 0.000 Jarque-Bera (JB): 3227.715

Skew: -1.884 Prob(JB): 0.00 Kurtosis: 21.339 Cond. No. 34.3

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.865553602029973 LM P-Value: 0.14474570989273466 F Statistic: 1.940481345134039 F P-Value: 0.14610775840673382

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.009 OLS Adj. R-squared: 0.005 Model: Method: Least Squares F-statistic: 2.128 Sun, 27 Aug 2023 Prob (F-statistic): 0.146 Date: Time: 19:32:17 Log-Likelihood: -459.68 240 AIC: No. Observations: 923.4 Df Residuals: 238 BIC: 930.3

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const 0.0656 0.170 0.387 0.699 -0.268 0.400

Total reserves in months of imports -0.0549 0.038 -1.459 0.146 -0.129 0.019

Omnibus: 115.721 Durbin-Watson: 1.896 Prob(Omnibus): 0.000 Jargue-Bera (JB): 1454.590

 Skew:
 -1.541 Prob(JB):
 0.00

 Kurtosis:
 14.660 Cond. No.
 7.39

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.6249762113792645 LM P-Value: 0.7316243310617551 F Statistic: 0.3093876707615052 F P-Value: 0.7341921591373068

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.002 OLS Adj. R-squared: Model: -0.002 Least Squares F-statistic: Method: 0.6034 Sun, 27 Aug 2023 Prob (F-statistic): Date: 0.438 Time: 19:32:17 Log-Likelihood: -501.88 263 AIC: 1008. No. Observations: Df Residuals: 261 BIC: 1015.

Df Model: 1

Covariance Type: HC3

coef std err z P>|z| [0.025 0.975]

const -0.0032 0.182 -0.018 0.986 -0.360 0.353 Trade (% of GDP) -0.0021 0.003 -0.777 0.437 -0.007 0.003

Omnibus: 111.732 Durbin-Watson: 1.921 Prob(Omnibus): 0.000 Jargue-Bera (JB): 1287.801

 Skew:
 -1.353
 Prob(JB):
 2.28e-280

 Kurtosis:
 13.498
 Cond. No.
 184.

Notes:

[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 5.4974451821532435 LM P-Value: 0.06400957540717835 F Statistic: 2.775381681884538 F P-Value: 0.06417312529348139

OLS Regression Results

Dep. Variable: Mean_diff R-squared: 0.006
Model: OLS Adj. R-squared: 0.002

Method: Least Squares F-statistic: 1.325
Date: Sun, 27 Aug 2023 Prob (F-statistic): 0.251

 Time:
 19:32:17 Log-Likelihood:
 -412.93

 No. Observations:
 211 AIC:
 829.9

 Df Residuals:
 209 BIC:
 836.6

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.2660 0.195 -1.361 0.175 -0.651 0.119

Unemployment, total (% of total labor force) (modeled ILO estimate) 0.0240 0.021 1.151 0.251 -0.017 0.065

Omnibus: 95.939 Durbin-Watson: 1.988 Prob(Omnibus): 0.000 Jarque-Bera (JB): 1132.031

 Skew:
 -1.391 Prob(JB):
 1.52e-246

 Kurtosis:
 14.001 Cond. No.
 15.6

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 2.022768527720981 LM P-Value: 0.36371515319557196 F Statistic: 1.0066547700000825 F P-Value: 0.3672126804377247

OLS Regression Results

Dep. Variable:Mean_diffR-squared:0.000Model:OLS Adj. R-squared:-0.008Method:Least SquaresF-statistic:0.01828Date:Sun, 27 Aug 2023Prob (F-statistic):0.893

 Time:
 19:32:18 Log-Likelihood:
 -244.09

 No. Observations:
 119 AIC:
 492.2

 Df Residuals:
 117 BIC:
 497.7

Df Model:

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.4120 0.275 -1.496 0.137 -0.957 0.133

Unemployment, total (% of total labor force) (national estimate) -0.0034 0.025 -0.135 0.893 -0.054 0.047

 Omnibus:
 76.219 Durbin-Watson:
 1.901

 Prob(Omnibus):
 0.000 Jarque-Bera (JB):
 629.375

 Skew:
 -1.993
 Prob(JB):
 2.15e-137

 Kurtosis:
 13.538
 Cond. No.
 17.3

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.623082093867312 LM P-Value: 0.7323175504985275 F Statistic: 0.30528554116403317 F P-Value: 0.7375031589380776

OLS Regression Results

Dep. Variable: Mean diff R-squared: 0.000 Model: OLS Adj. R-squared: -0.004 Method: Least Squares F-statistic: 0.02728 Sun, 27 Aug 2023 Prob (F-statistic): 0.869 Date: 19:32:18 Log-Likelihood: Time: -419.85 No. Observations: 231 AIC: 843.7 Df Residuals: 229 BIC: 850.6

Df Model: 1

Covariance Type: nonrobust

coef std err t P>|t| [0.025 0.975]

const -0.0590 0.133 -0.444 0.657 -0.321 0.203

In_Use of IMF credit (DOD, current US\$) 0.0010 0.006 0.165 0.869 -0.011 0.013

Omnibus: 135.235 Durbin-Watson: 1.906 Prob(Omnibus): 0.000 Jarque-Bera (JB): 3156.579

Skew: -1.763 Prob(JB): 0.00 Kurtosis: 20.763 Cond. No. 29.6

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.0571204605453883 LM P-Value: 0.5894530356584033 F Statistic: 0.5240942130651841 F P-Value: 0.5928029794845123